

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 57184349  
PUBLICATION DATE : 13-11-82

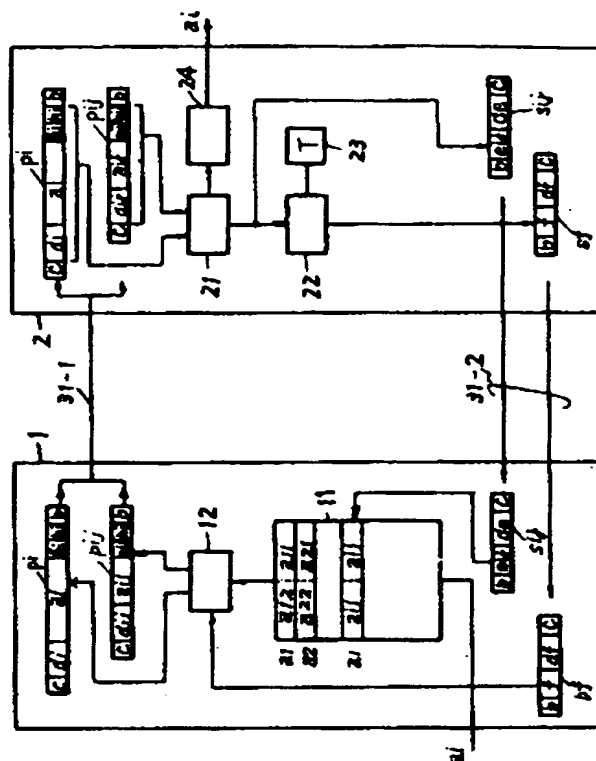
APPLICATION DATE : 08-05-81  
APPLICATION NUMBER : 56069856

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INT.CL. : H04L 1/00 H04L 13/00 // H04L 1/16  
H04L 11/20

TITLE : DATA TRANSMITTING SYSTEM



**ABSTRACT :** PURPOSE: To avoid the lowering of the transmission efficiency, by dividing the transmitting signal train and transmitting these signals in case the error detecting frequency of the signal train to be received reaches the prescribed value.

**CONSTITUTION:** A signal transmitter 1 extracts a signal train ( $a_i$ ) stored in a storing part 11 via a dividing part 12 and transmits it to a transmission line 31-1 after forming a packet  $P_i$ . A signal receiver 2 inspects the error of the packet  $P_i$  through an error inspecting part 21. If the packet  $P_i$  is normal, the signal train ( $a_i$ ) is transmitted to a subsequent device via a synthesizing part 24. When the part 21 detects an error, the receiver 2 sends the train ( $a_j$ ) back to the transmitter 1. A measuring part 22 counts the error detecting frequency. When the count value exceeds the estimated value, the receiver 2 transmits a signal ( $a_j$ ). Receiving the signal ( $a_j$ ), the transmitter 1 divides the train ( $a_j$ ) and forms a packet  $P_{ij}$  and transmits it to the line 31-1.

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